

# Converting Colors

HunterLab(55.8215, -4.8991,  
-53.7948)

Have a look what the booklet for  
HunterLab(55.8215, -4.8991,  
-53.7948) contains.

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# Color

**HunterLab(55.9822, -5.0468,  
-53.7286)**

# Conversions

Conversions Part 1	
Format	Color
Hex	2C9EF1
RGB	44, 158, 241
RGB Percent	17%, 62%, 95%
CMY	0.8274, 0.3804, 0.0549
CMYK	0.82, 0.34, 0.00, 0.05
HSL	205°, 88%, 56%
HSV	205°, 82%, 95%
XYZ	29.1427, 31.3401, 87.7323
YIQ	133.3760, -94.5870, 1.6450

# Conversions

## Conversions Part 2

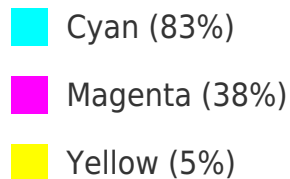
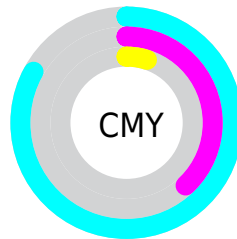
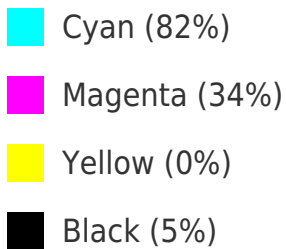
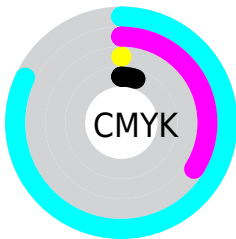
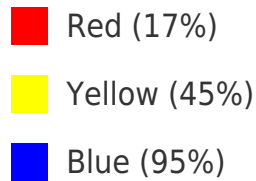
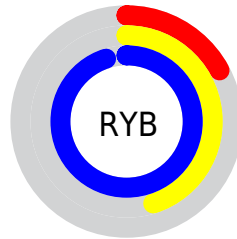
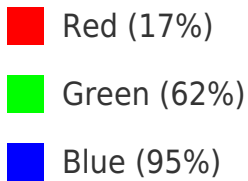
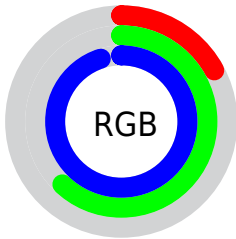
Format	Color
<a href="#">RYB</a>	<a href="#">44, 116, 241</a>
Decimal	<a href="#">2924273</a>
CIELab	<a href="#">62.79, -2.47, -50.26</a>
CIELCh	<a href="#">63, 50.316, 267.188</a>
Yxy	<a href="#">31.3411, 0.1966, 0.2115</a>
Android (android.graphics.Color)	<a href="#">4281114353</a> (0xFF2C9EF1)
YUV	<a href="#">133.3760, 53.0586, -78.3828</a>
Hunter-Lab	<a href="#">55.9822, -5.0468, -53.7286</a>

# Details

The HunterLab color **55.9822, -5.0468, -53.7286** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **58.3665, 33.4090, 34.1275**, and the grayscale version is **48.4054, -2.5828, 2.6300**.

A 20% lighter version of the original color is **76.4015, -18.1037, -26.6573**, and **37.3846, 0.9902, -48.8650** is the 20% darker color. If you saturate the color by 10%, you get **52.5648, -1.2183, -61.4981**, and if you desaturate by 10%, it is **59.7052, -7.9142, -45.9894**.

# Distribution




# Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.9822, -5.0468, -53.7286 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 55.9822, -5.0468, -53.7286 by changing the saturation by 10% instead.





 55.9822, -5.0468,  
-53.7286


 55.9822, -5.0468,  
-53.7286


175.5296,  
-12.3959, -59.8695

 45.6713, -4.3583,  
-53.1121


 78.5981, -6.5034,  
-55.1860

 36.0843, -3.6988,  
-52.6964


 90.8288, -7.2718,  
-55.9393

 27.2816, -3.0677,  
-52.6859


 103.6353, -8.0658,  
-56.6781

 19.3405, -2.4647,  
-53.5310

 116.9928, -8.8845,  
-57.3905

 12.3674, -1.8877,  
-56.3980

 130.8794, -9.7275,  
-58.0693

 5.5621, -2.2308,  
-78.0457

145.2758,

0.0000, NaN, -NF

-10.5941, -58.7102

0.0000, NaN, -NF

160.1645,  
-11.4838, -59.3108

0.0000, NaN, -NF

■ 55.9822, -5.0468,  
-53.7286

■ 55.9822, -5.0468,  
-53.7286

■ 52.5648, -1.2183,  
-61.4981

■ 59.7052, -7.9142,  
-45.9894


■ 49.9478, 2.5627,  
-67.9626


■ 63.7199, -9.8351,  
-38.3425


■ 68.0085, -10.8648,  
-30.8349


■ 72.5502, -11.0806,  
-23.4984

■ 77.3237, -10.5663,  
-16.3495

 82.3089, -9.4046,  
-9.3924

 87.4875, -7.6723,  
-2.6227

 92.8427, -5.4383,  
3.9693

 97.7784, -4.7767,  
9.7049

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.9831, -24.0776, -42.2980



55.9822, -5.0468, -53.7286



55.9831, 17.6329, -45.7324

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.9831, -5.0460, -53.7273



55.9831, 39.7248, 18.4655



55.9831, -34.2345, 20.7324

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



55.9822, -5.0468, -53.7286



58.3665, 33.4090, 34.1275

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.9831, -21.0019, 28.2915



55.9822, -5.0468, -53.7286



55.9831, 21.7701, 27.3815

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.9831, -5.0460, -53.7273



55.9831, 45.7190, 1.0414



55.9831, -0.9042, 30.1480



55.9831, -39.2217, 4.9817



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.9822, -5.0468, -53.7286



55.9831, 31.4647, -31.6880



55.9831, -0.9042, 30.1480



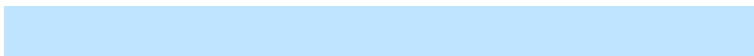
55.9831, -30.7138, 24.0448

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



55.9831, -5.0460, -53.7273



85.9604, -10.5129, -12.4700



80.5952, -60.7181, 34.0550



38.9028, -5.0651, -6.9790

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

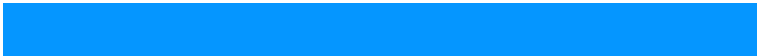


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.9831, -5.0460, -53.7273



53.8247, 1.8901, -71.0145



31.8814, 48.0977, -134.2769



40.9244, -3.3266, -0.5154



37.1502, 1.2388, -49.1086



11.5956, -1.1225, -12.0703



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.9295, 77.5644, -9.1240



48.5419, 87.0598, -3.6547



85.1526, -15.8132, 50.5333



39.8901, 2.4883, 0.6054



33.4464, 60.4040, -2.6205



9.7491, 17.7912, -2.1932



# Previews

## White Background



This preview shows how the HunterLab color 55.9822, -5.0468, -53.7286 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

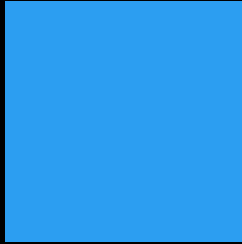
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 55.9822, -5.0468, -53.7286 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

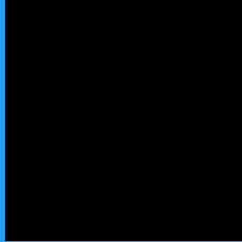
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

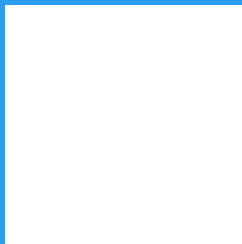
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 55.9822, -5.0468, -53.7286 Background



This preview shows how black text looks on a background with the HunterLab color 55.9822, -5.0468, -53.7286.



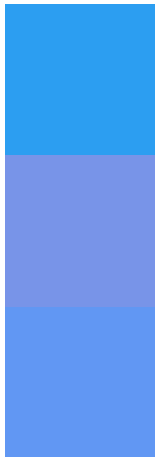
This preview shows how white text looks on a background with the HunterLab color 55.9822, -5.0468, -53.7286.



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

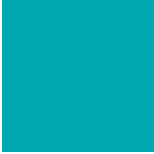
55.9822, -5.0468, -53.7286

### Protanopia

55.6768, 8.0467, -46.8497

### Deuteranopia

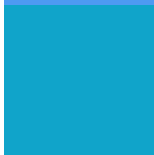
55.8083, 5.2425, -55.6034






## Tritanopia

55.9469, -26.9471, -11.7578

# Trichromacy

	<b>Original Color</b> 55.9822, -5.0468, -53.7286
	<b>Protanomaly</b> 55.4346, 1.6418, -49.8763
	<b>Deuteranomaly</b> 55.8048, 0.6187, -54.8534
	<b>Tritanomaly</b> 55.6106, -19.8019, -25.6539

# Monochromacy

	<b>Original Color</b> 55.9822, -5.0468, -53.7286
	<b>Achromatopsia</b> 48.4304, -2.5841, 2.6313
	<b>Achromatomaly</b> 50.0912, -7.5299, -15.4631

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 55.9822, -5.0468, -53.7286 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(44, 158, 241)` looks like.

```
.text, #text, p{  
    color:rgb(44, 158, 241)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(44, 158, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 158, 241) }
```

## Border

The CSS property to change the border of an element to HunterLab 55.9822, -5.0468, -53.7286 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(44, 158, 241) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(44, 158, 241) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(44, 158, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 158, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 158, 241);  
box-shadow:4px 4px 4px 4px rgb(44, 158,  
241) }
```

# Background

The CSS property to change the background color of an element to HunterLab 55.9822, -5.0468, -53.7286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 158, 241) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(44, 158,  
241) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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